

Rabbit anti-Human CPNE1 Polyclonal Antibody | anti-CPNE1 antibody

Anti-CPNE1 Antibody, Rabbit Polyclonal

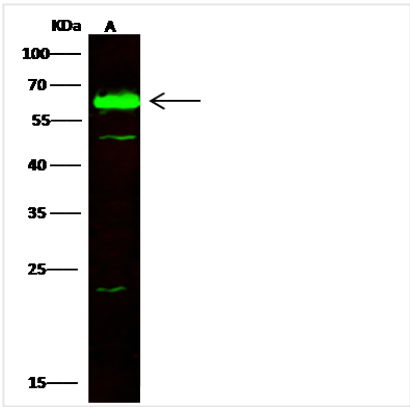
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255747	Rabbit	Human	Immunoprecipitation, ELISA, Western Blot

PRODUCT SYNONYMS

CPNE1; Polyclonal Antibody; Anti-CPNE1 Antibody; Rabbit Polyclonal; Copine I/CPN1/CPNE1 Antibody; Rabbit PAb; Antigen Affinity Purified; copine I; Anti-COPN1 Antibody; Anti-CPN1 Antibody; anti-CPNE1 antibody

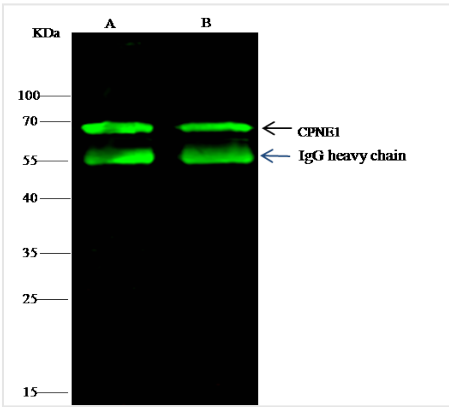
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Copine I/CPN1/CPNE1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CPNE1 antibody	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Immunogen	Recombinant Human Copine I/CPN1/CPNE1 Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human Copine I/CPN1/CPNE1 (rh Copine I/CPN1/CPNE1). Copine I/CPN1/CPNE1 specific IgG was purified by Human Copine I/CPN1/CPNE1 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



WB (Western Blot)

Anti-CPNE1 rabbit polyclonal antibody at 1:500 dilutionLane A: A431 Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.Developed using the Odyssey technique.Performed under reducing conditions.Predicted band size:59 kDaObserved band size:59 kDa(We are unsure as to the identity of these extra bands.



IP (Immunoprecipitation)

CPNE1 was immunoprecipitated using:Lane A:0.5 mg Hela Whole Cell LysateLane B:0.5 mg HepG2 Whole Cell Lysate2 uL anti-CPNE1 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein G.Primary antibody:Anti-CPNE1 rabbit polyclonal antibody,at 1:100 dilutionSecondary antibody:Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilutionDeveloped using the odssey technique.Performed under reducing conditions.Predicted band size: 59 kDaObserved band size: 59 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CPNE1 antibody	Copine I, also known as CPN1, is a member of the copine family. Copine I is a calcium-dependent membrane-binding protein which has a wide tissue distribution. Calcium-dependent membrane-binding proteins may regulate molecular events at the interface of the cell membrane and cytoplasm. Copine I contains two N-terminal type II C2 domains and an integrin A domain-like sequence in the C-terminus, while it does not contain a predicted signal sequence or transmembrane domains. Copine I may function in membrane trafficking.
References	Cowland JB, et al. (2003) Tissue expression of copines and isolation of copines I and III from the cytosol of human neutrophils. J Leukoc Biol. 74(3):379-88. Tomsig JL, et al. (2003) Identification of targets for calcium signaling through the copine family of proteins. Characterization of a coiled-coil copine-binding motif. J Biol Chem. 278 (12):10048-54. Strausberg RL, et al. (2003) Generation and initial analysis of more than 15, 000 full-length human and mouse cDNA sequences. Proc Natl Acad Sci. 99(26):16899-903.

NCBI AND UNIPROT INFORMATION

NCBI GI #	311893345
NCBI GeneID	8904
NCBI Accession #	NP_001185792.1
NCBI GenBank Nucleotide #	NM_001198863.1
UniProt Accession #	Q99829; Q6IBL3; Q9H243; Q9NTZ7; E1P5Q4
Molecular Weight	59,059 Da
NCBI Official Full Name	copine-1 isoform c
NCBI Official Synonym Full Names	copine 1
NCBI Official Symbol	CPNE1
NCBI Official Synonym Symbols	CPN1; COPN1
NCBI Protein Information	copine-1
UniProt Protein Name	Copine-1
UniProt Gene Name	CPNE1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cpne1-antibody-immunoprecipitation-western-blot-elisa/255747>